

**ABSTRACT**

5 The present invention relates to the use of proteins of the UCP family, or UCP protein polypeptide or peptide fragments, as an active agent, alone or in association with at least one other active agent, in or for the preparation of a pharmaceutical and/or dermatological and/or cosmetic composition. The invention also relates to any composition containing the aforementioned active ingredient, as well as its use as a slimming agent.